

United States of America  
Department of Transportation -- Federal Aviation Administration  
**Supplemental Type Certificate**

*Number* ST01728NY-D

*This certificate issued to*

PATS Aircraft, LLC.  
21652 Nanticoke Avenue  
Georgetown, Delaware 19947

*certifies that the change in the type design for the following product with the limitations and conditions therefor as specified hereon meets the airworthiness requirements of Part 25 of the Federal Aviation Regulations.*

*Original Product -- Type Certificate Number:* A57NM Revision 6

*Make:* Embraer

*Model:* ERJ 190-100 ECJ

*Description of Type Design Change:*

Modification of the Class C Forward Cargo Compartment to accommodate an Auxiliary Fuel Tank and Installation of a new Class C Cargo Compartment at the Rear of the Main Cabin in accordance with PATS Aircraft, LLC Master Drawing List 6071-0000-MDL Rev IR dated October 7, 2008.

*Limitations and Conditions:*

1. PATS Aircraft, LLC. Airplane Flight Manual Supplement No. 215 for an Executive Interior, FAA approved revision IR dated December 29, 2008, is required.
2. PATS Aircraft, LLC. Maintenance Manual Supplement TO-3163, revision IR dated May 1, 2008 is required for Continued Airworthiness.

(See STC Continuation Sheet, Page 2)

*This certificate and the supporting data which is the basis for approval shall remain in effect until surrendered, suspended, revoked or a termination date is otherwise established by the Administrator of the Federal Aviation Administration.*

*Date of application :* November 2, 2007

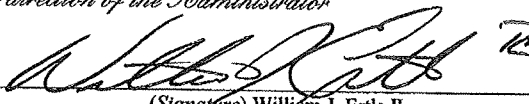
*Date reissued :*

*Date of issuance :* December 29, 2008

*Date amended :*



*By direction of the Administrator*

For:   
(Signature) William J. Ertle II  
David E. Warner  
DAS administrator  
DAS-955292-NE

(Title)

Any alteration of this certificate is punishable by a fine of not exceeding \$1,000, or imprisonment not exceeding 3 years, or both.

United States of America  
Department of Transportation -- Federal Aviation Administration

**Supplemental Type Certificate**  
(Continuation Sheet)

*Number* ST01728NY-D

Date of Issuance: December 29, 2008

*Limitations and Conditions (Continued):*

3. The utilization of these aircraft, when configured with this STC, is limited to "private, not for hire or common carriage use".
4. The installation of STC's ST01727NY-D (Installation of an Executive Interior), is required for this STC.
5. The installer must determine whether this design change is compatible with previously approved modifications.
6. If the holder agrees to permit another person to use this certificate to alter a product, the holder must give the other person written evidence of that permission.
7. This modification may not be installed after August 30, 2010 unless (1) previously approved electrical wiring interconnections system (EWIS) instructions for continued airworthiness (ICA) have been evaluated and determined to be adequate for these installations by the FAA, or (2) revised EWIS ICA have been approved by the FAA Oversight Office (Refer § 26.11).

*Certification Basis:*

1. Based on 14 CFR § 21.115 and § 21.101, and the FAA policy for changes that are not significant in FAA Order 8110.48, the certification basis for these modifications are as follows:

The existing type certification basis for the Embraer ERJ 190-100 ECJ as shown on FAA type certificate data sheet A57NM Rev. 6:

Part 26 regulation

Part 14 CFR para. 21.101(g), applicable provisions of 14 CFR Part 26 must be met.